

Design Principles

GOALS:

Improve Berkeley's downtown transit center and public space through new transit structures, improved wayfinding, and new design and landscaping of the plaza.

Design Principles:

Accessibility/Universal Design - Improve access to transportation services through universal design, wayfinding, and safe and clear paths of travel. Provide safe, weather-protected and comfortable infrastructure for transit riders, pedestrians and bicyclists.

Transportation System Operations - Improve traveler safety, convenience and connectivity between all modes: bus transfers, bike/ped access to bus/BART, kiss & ride, taxis, and parking. Consider both current and future travel demand from new residents, employees and visitors.

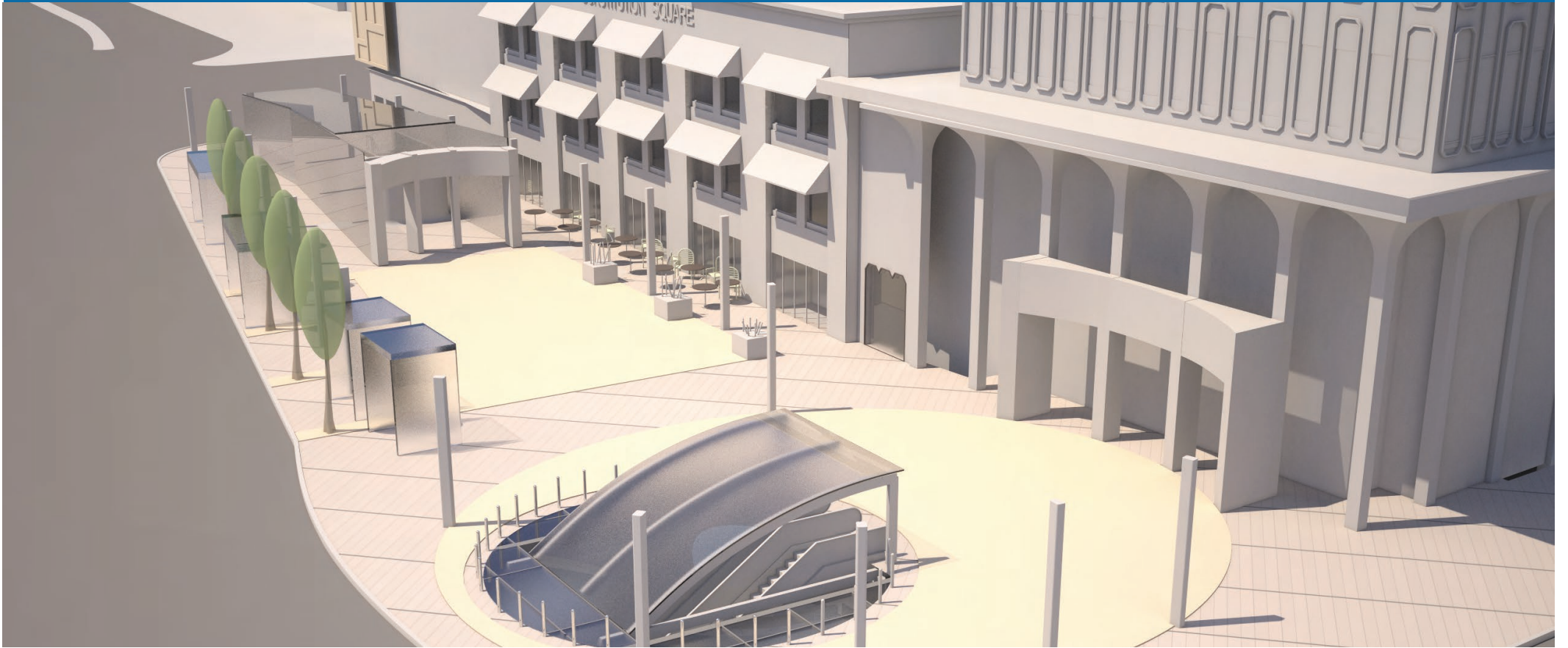
Place-Making - Create a welcoming, attractive, memorable, vibrant place for all users that reflects Berkeley's history and culture, and enhances the city's economy - using café spaces, visitor information, public art, landscaping, lighting, plaza materials, transit architecture and other design elements.

Sustainable Design - Improve storm water treatment, energy efficiency, and other sustainability goals using durable and environmentally-sound materials.

Durability and Maintenance – Consider safety, cleanliness, and long-term maintenance needs in design.

Design Principles

THE PLAZA



Active space



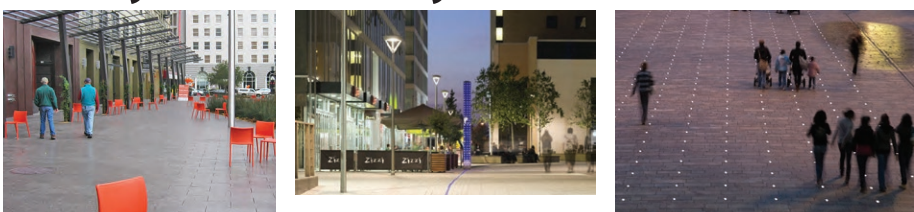
Manage stormwater and water use



Reduce energy demand and heat island effect



Safety and security



Cost-effective maintenance



Design Principles

INTERMODAL



Taxis and kiss & ride

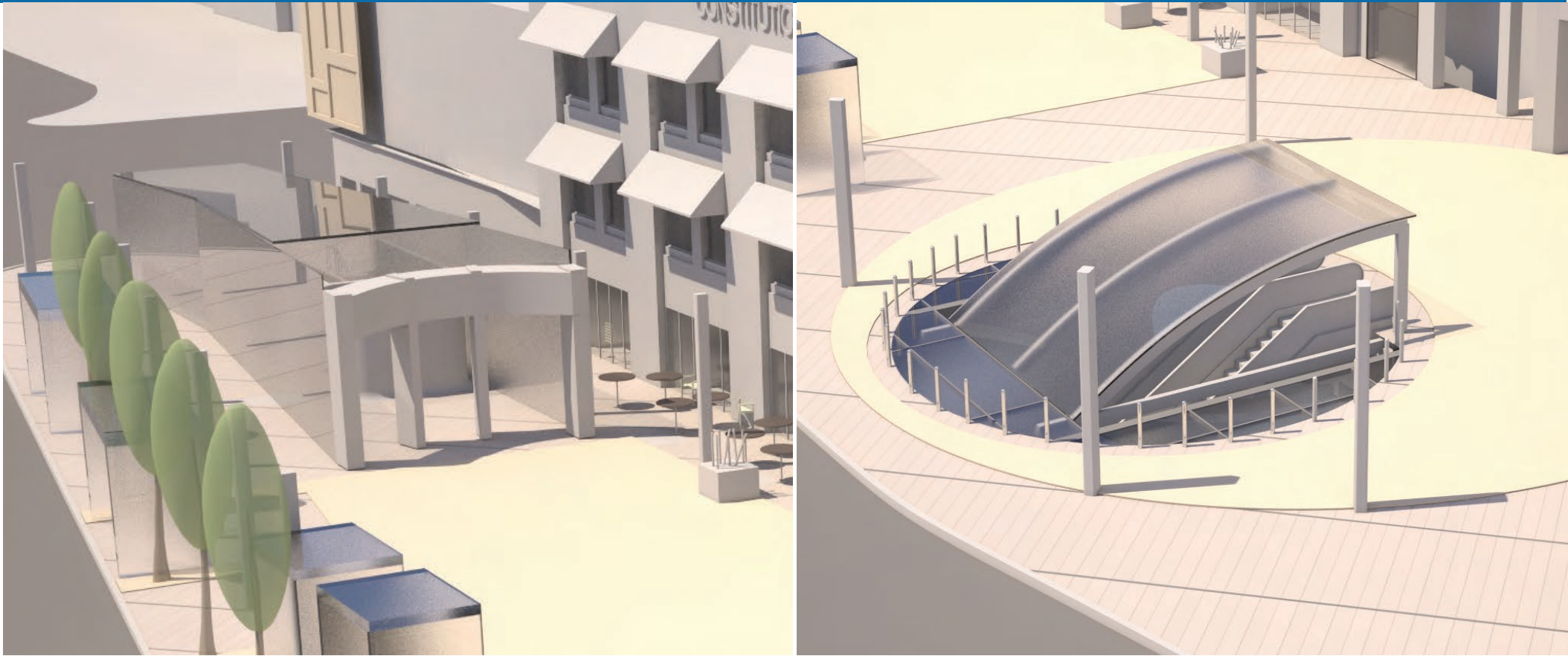


Connectivity

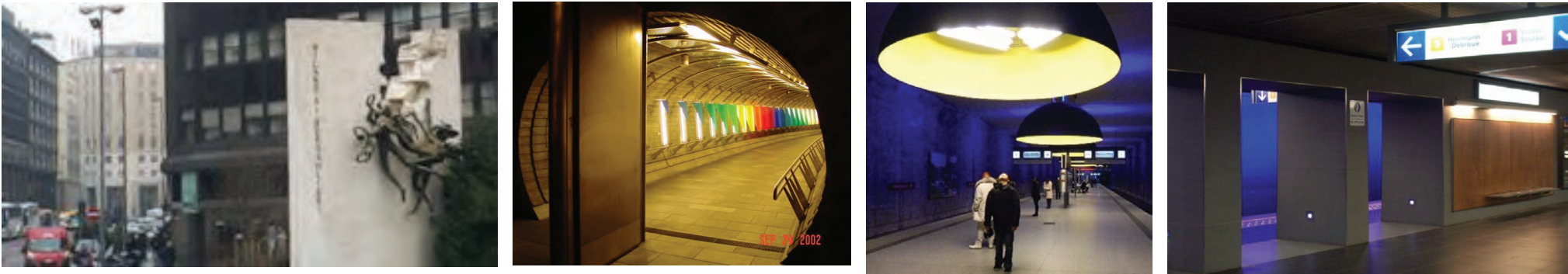


Design Principles

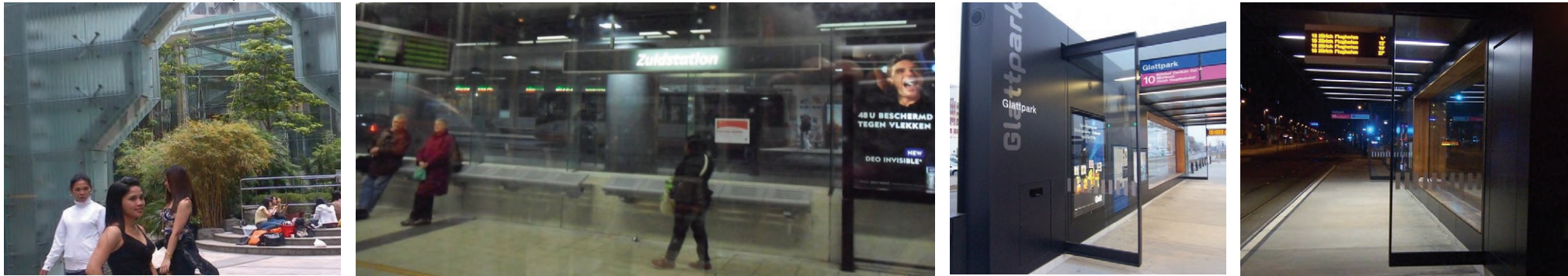
STRUCTURES



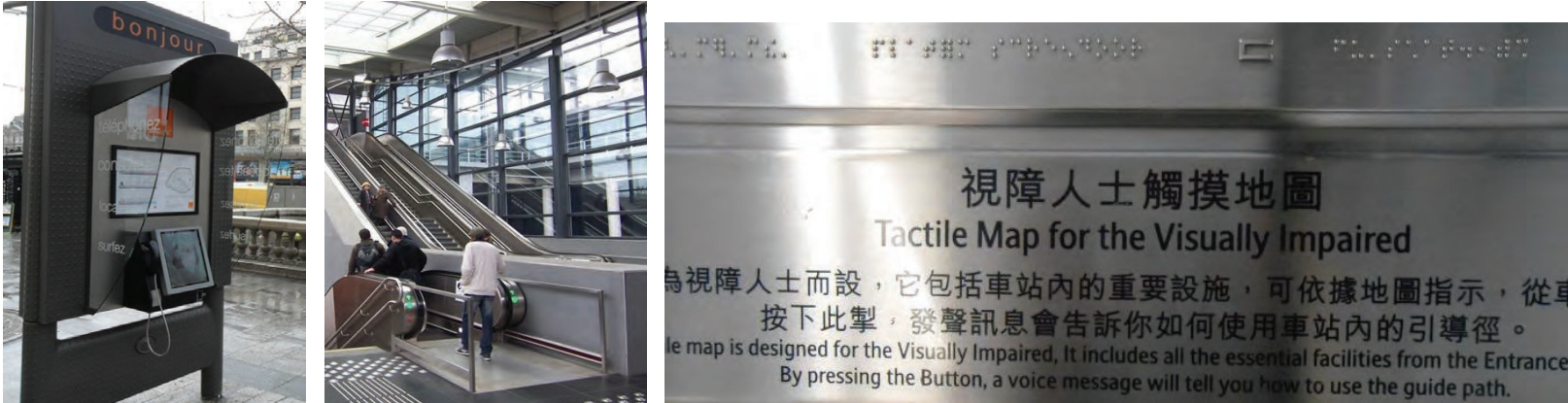
Integrate art and placemaking



Transparency



Increase accessibility



THE PLAZA

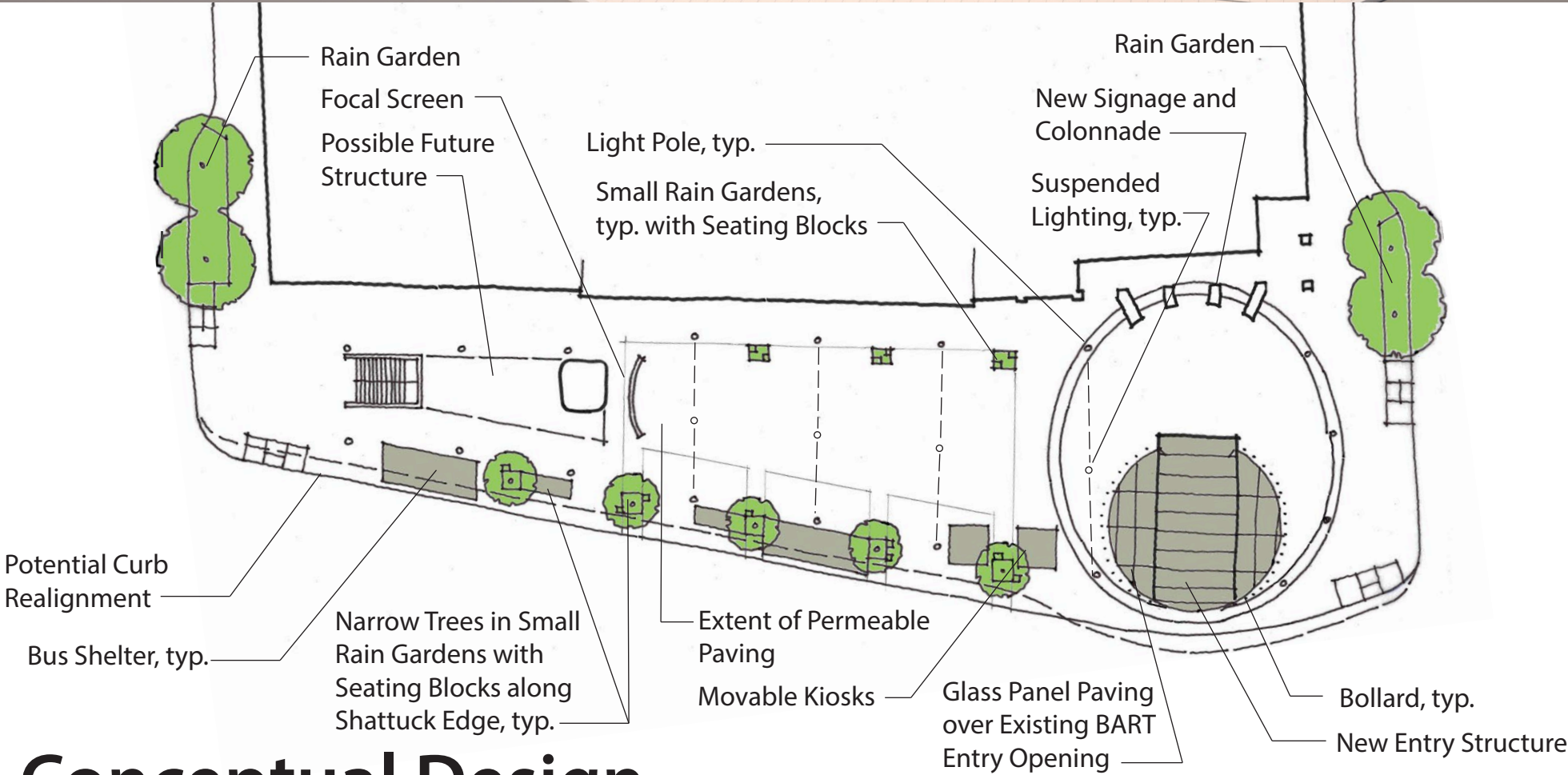
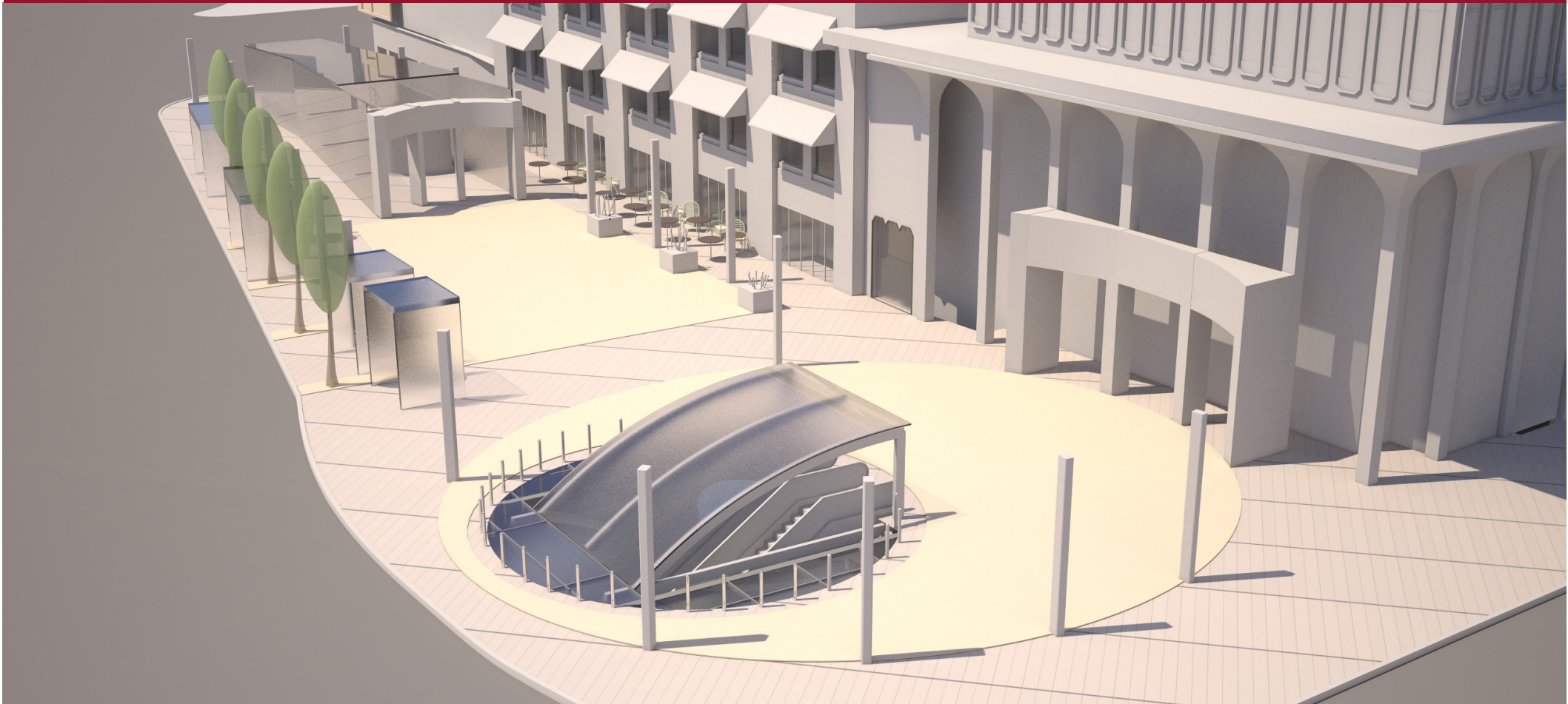
OBJECTIVES:

- Place making
- Enhanced retail experience
- Sustainable design
- Durability and maintainability

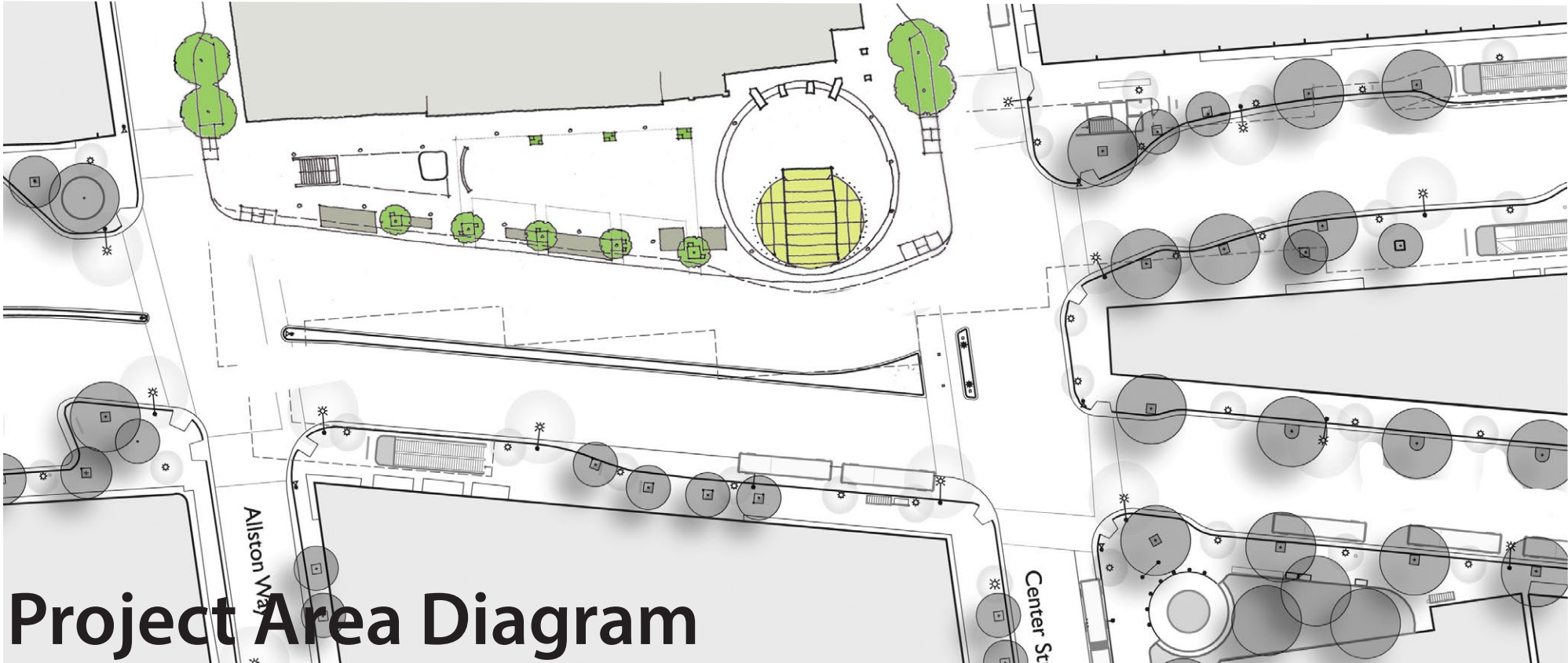
GOALS:

- Activate space for range of uses
- Manage stormwater and water use
- Reduce energy demand and heat island effect
- Safety and security
- Manage capital and operations & maintenance costs

THE PLAZA



Conceptual Design



Project Area Diagram

THE PLAZA

ACTIVE SPACE WITH RANGE OF USES

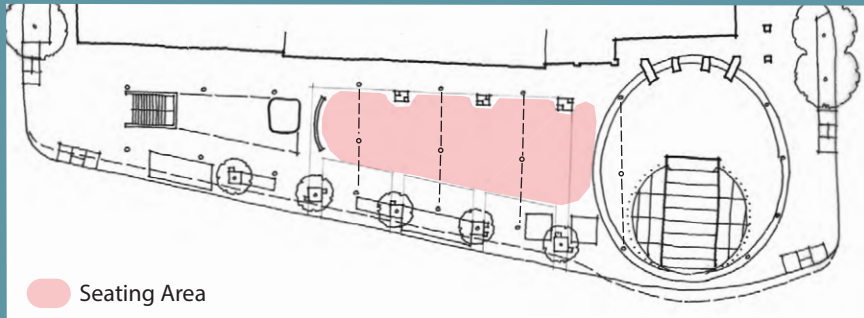


Photo source: Carrennotes.Blogspot.com



Photo source: Unknown



Photo source: Mint Plaza, CMG landscape Architecture, Scenariojournal.com

Movable Seating

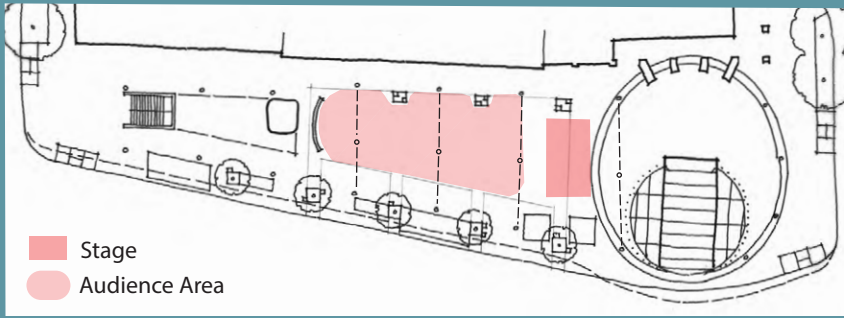


Photo source: allisonsmithstudio.com



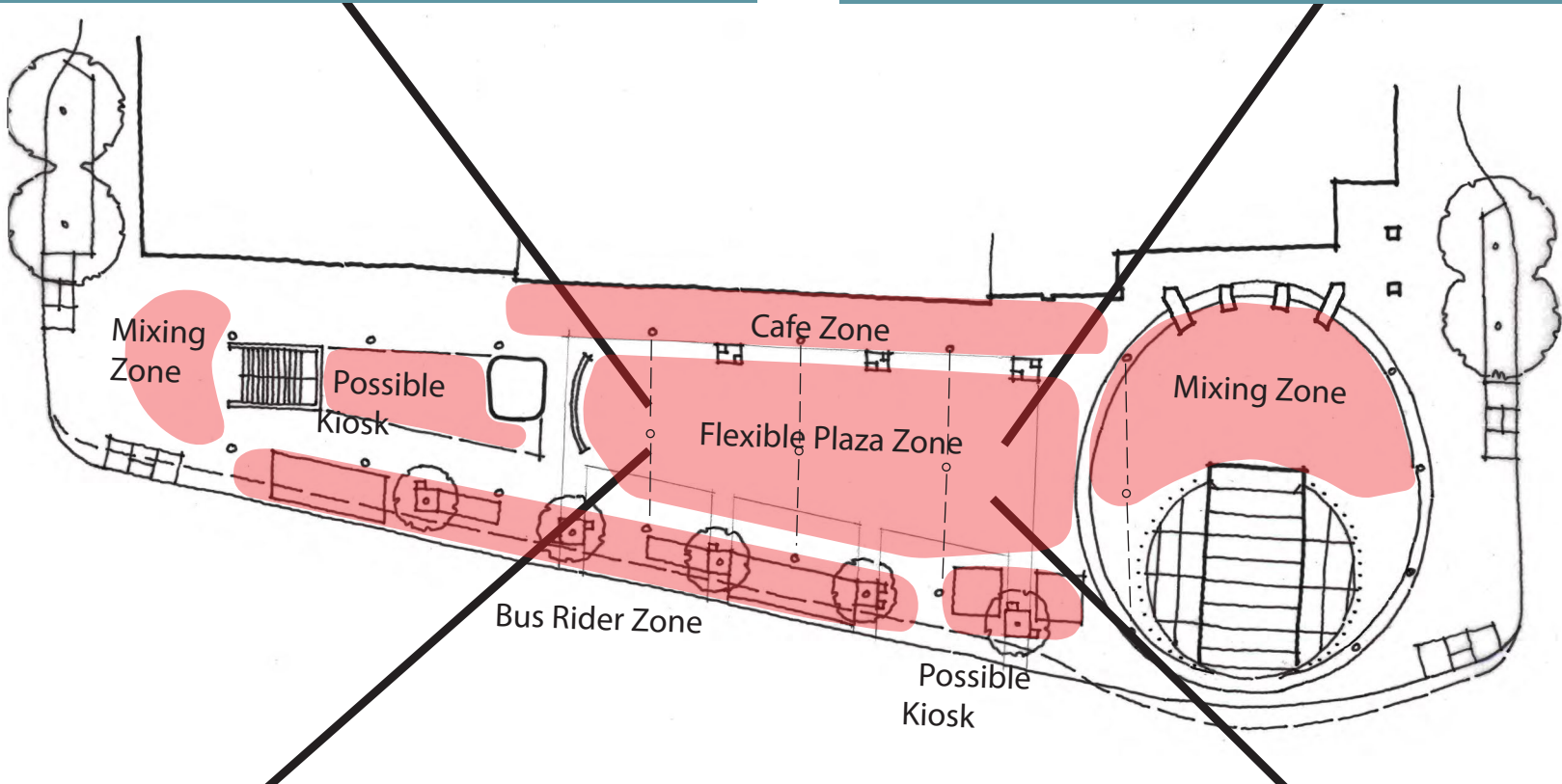
Photo source: Unknown



Photo source: Berkeley Urban Design Plan

Entertainment and Festivals

Large Stage 20 x 30 = 600 sq. ft
250-350 Audience

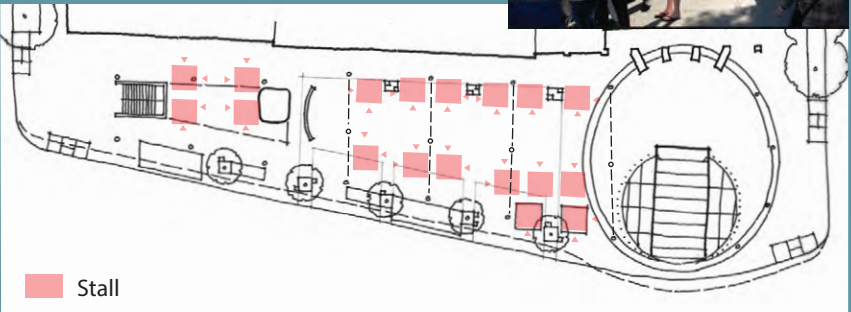


Farmer's Market or Crafts/Culinary Fair

16-20 Stalls



Photo source: Unknown



Food Truck Round Up

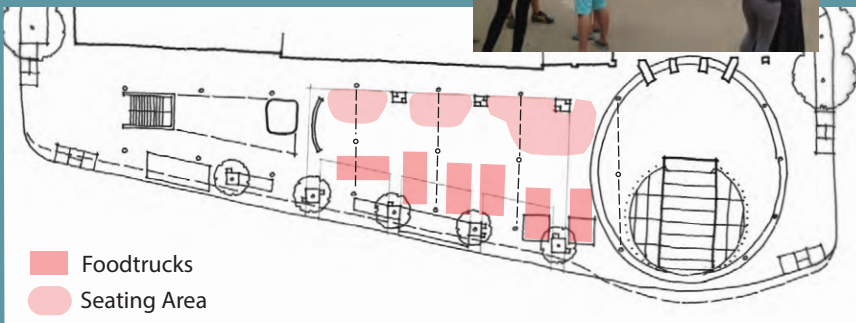
6 Trucks, Tables for 100



Photo source: Supremecart.com



Photo source: Prospect Park, rooseveltislander.blogspot.com



THE PLAZA

SUSTAINABILITY - WATER

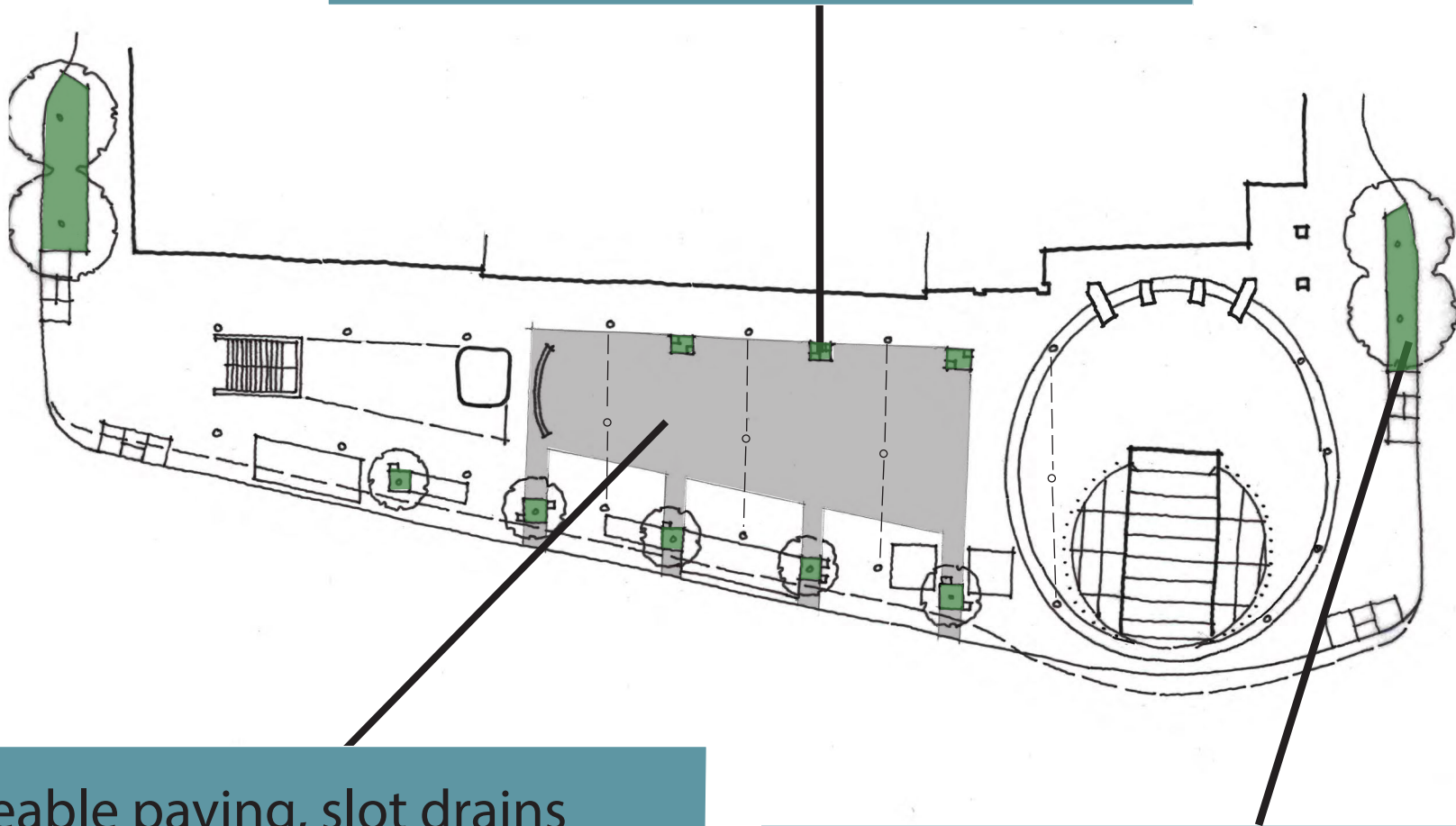
Drought tolerant landscape



Photo source: CD+A



Photo source: CD+A



Permeable paving, slot drains and under drains



Photo source: Mint Plaza, CMG landscape Architecture, Scenariojournal.com



Photos source: DeepRoot



Photos source: DeepRoot

Rainwater gardens of various sizes



Photo source: ARUP



Photo source: Kevin Robert Perry



Image source: CD+A

THE PLAZA

SUSTAINABILITY - ENERGY



Photo source: Selux, USA



Photo source: Canary Wharf Tube Station, London, UK/ Wikipedia.com

Energy efficient lighting

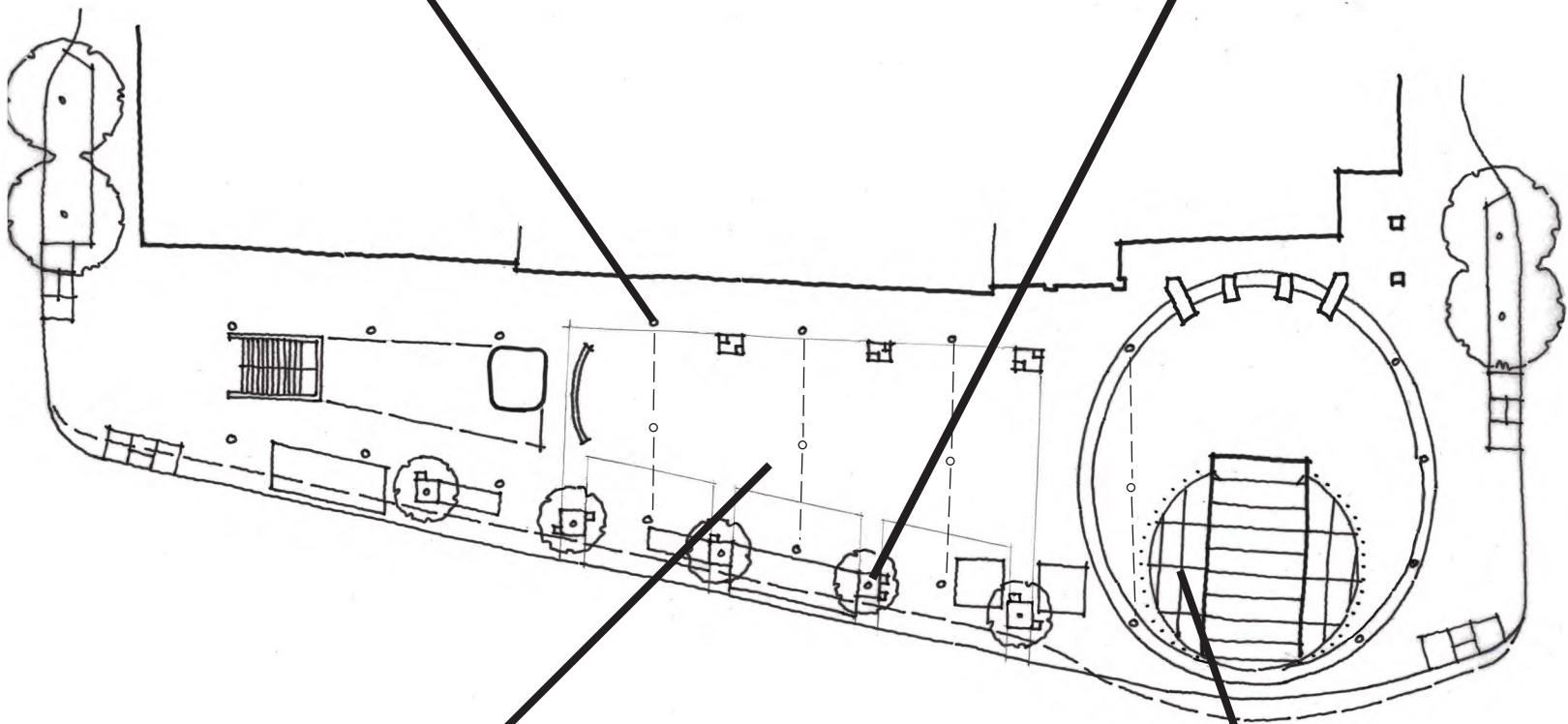


Photo source: Landzine.com



Photo source: Jessica Cronstein/ Urbaomnibus.com

Shade in summer/Sun in winter



Materials with high solar
energy reflectance



Photo source: Unknown

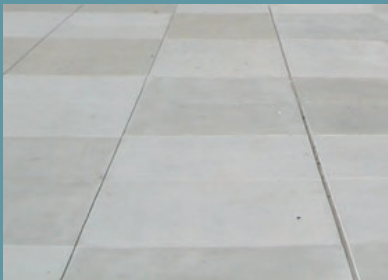


Photo source: Community Design + Architecture

Potential ambient light through
glass paving



Photo source: Newsfeatures.uncg.edu

THE PLAZA

SUSTAINABILITY - COST



Photo source: Community Design + Architecture



Photo source: Community Design + Architecture

Cost effective building materials



Photo source: landzine.com

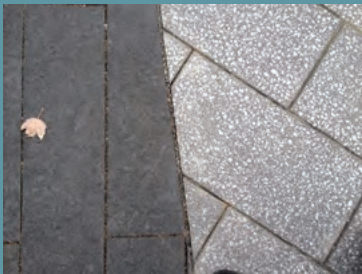
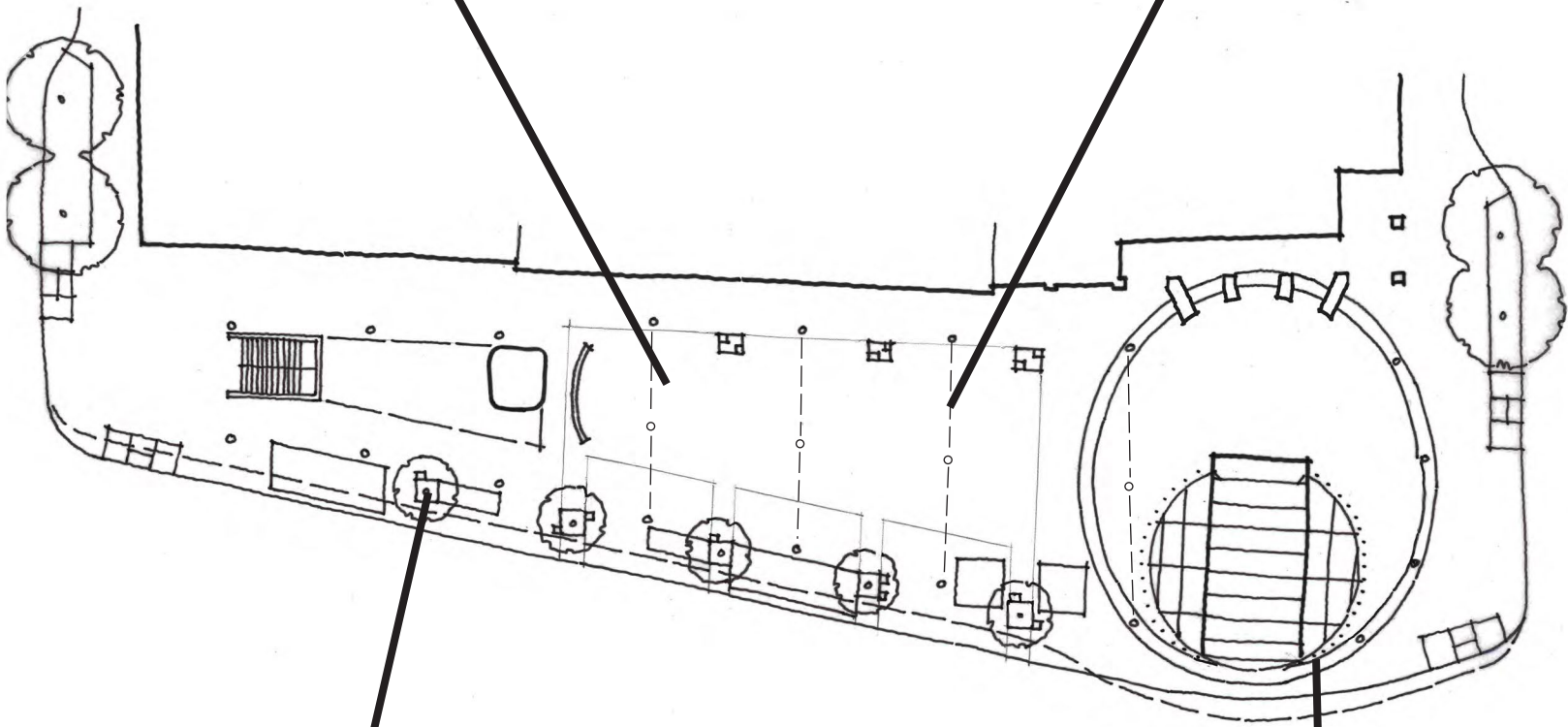


Photo source: Community Design + Architecture

Design to facilitate repair and replacement over the long term



Green infrastructure and drought tolerant landscape



Photo source: Community Design + Architecture



Photo source: John Galbavy/ land8.com

Durable and clean-lined furnishings



Photo source: wbdg.org



Photo source: Unknown

THE PLAZA

SAFETY AND SECURITY



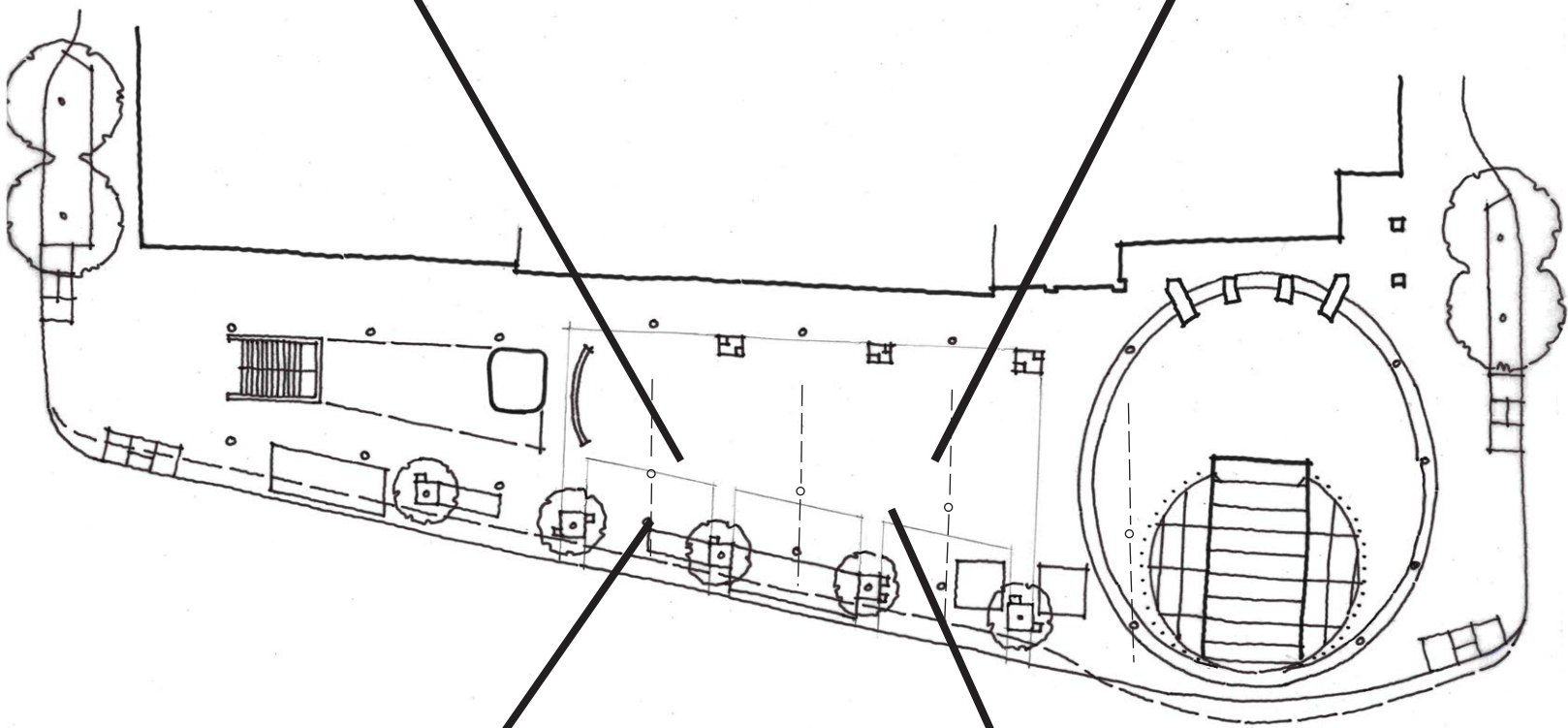
Photo source: CMG.com

Visibility through plaza



Photo source: Selux.us

Visibility from adjacent buildings
uses to plaza



Lighting



Photo source: Landzine.com



Photo source: Selux.us



Photo source: Hessamerica.com

Activate space



Photo source: Tian Feng



Photo source: MAD

STRUCTURE

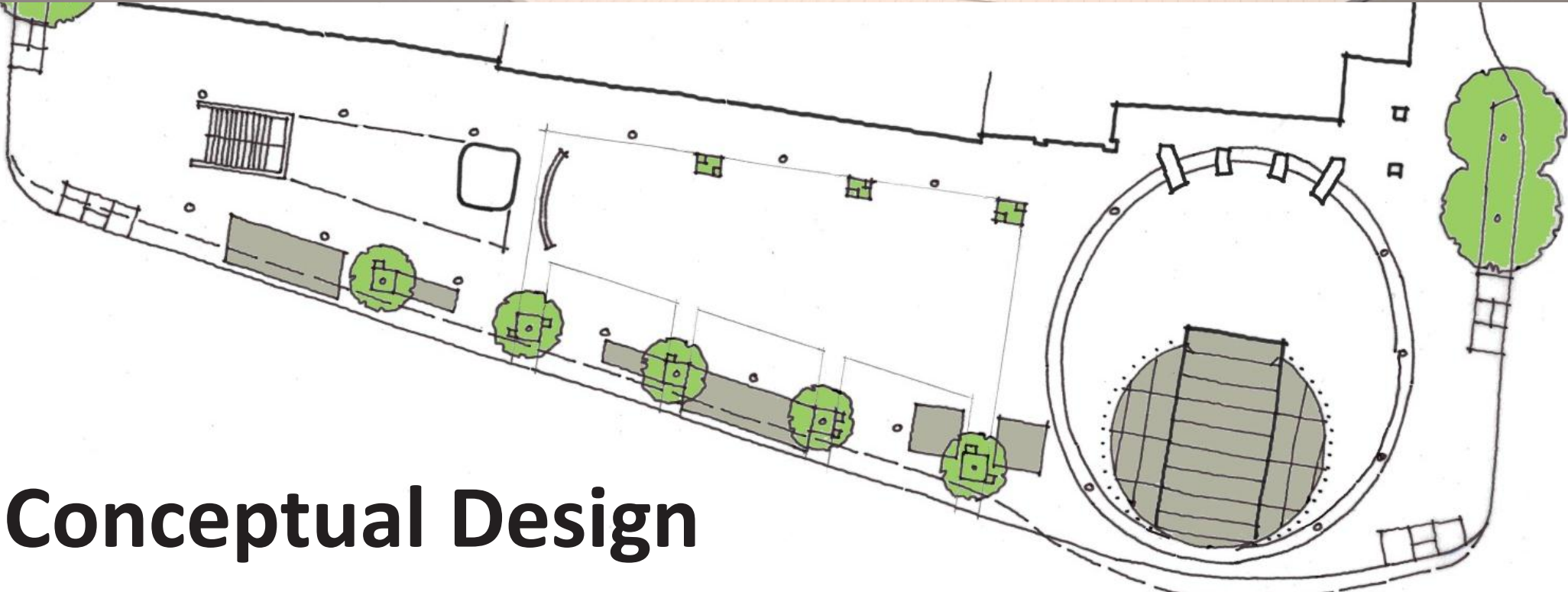
GOALS

- A modern, dignified, and inspiring public space for locals and visitors alike
- A dynamic place that supports commerce and cultural activities

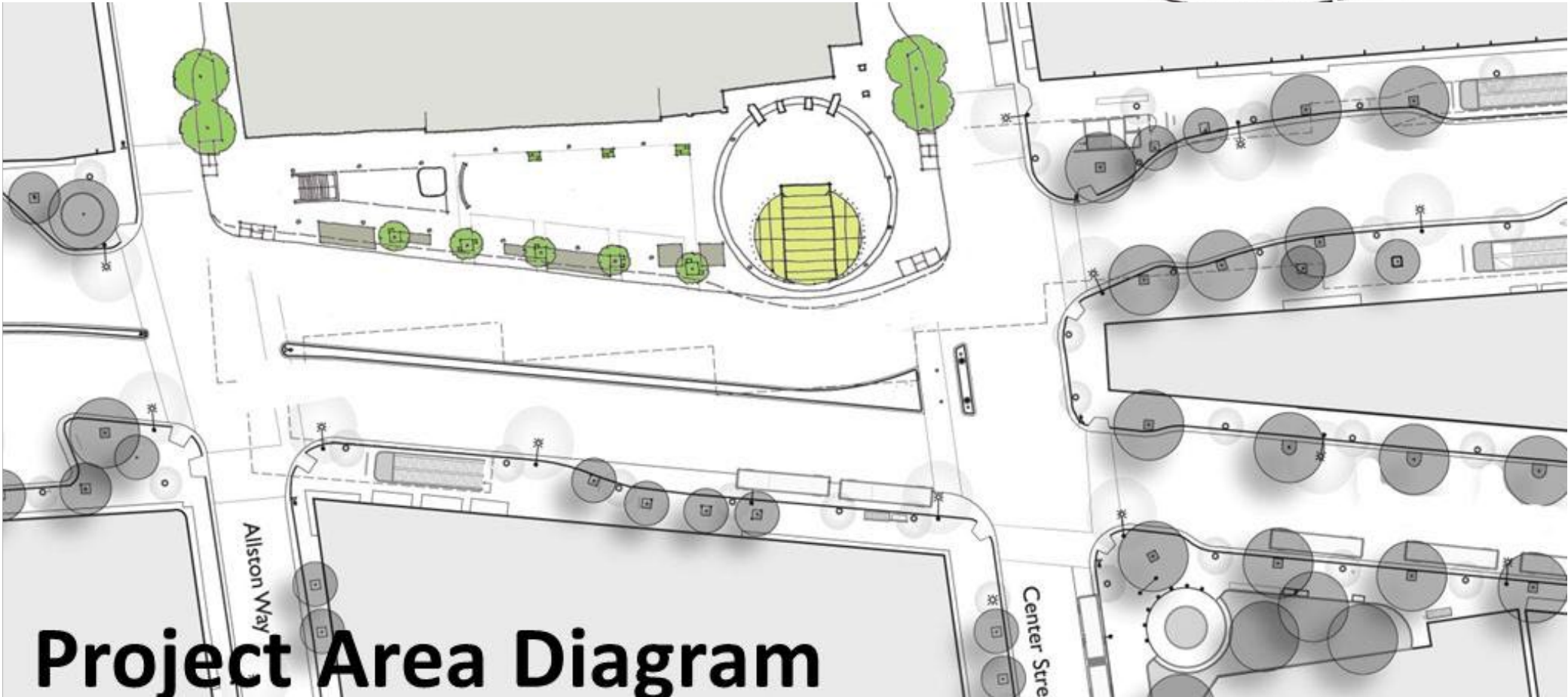
OBJECTIVES

- Responsive to funding, schedule and operation/maintenance constraints
- Holistic approach to sustainability
- Integrate art with architecture and landscaping for place-making
- Materials for transparency and durability
- Legible and Intuitive spatial design
- Adopt best practices for accessibility

STRUCTURE



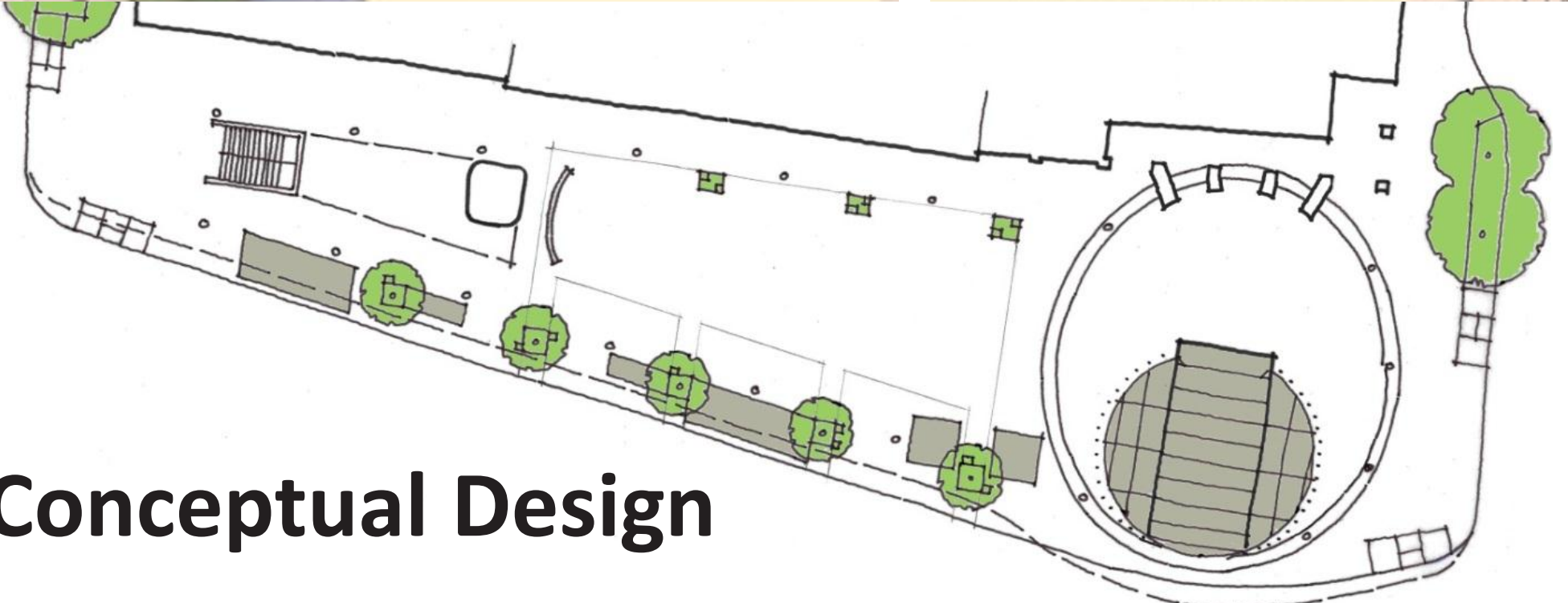
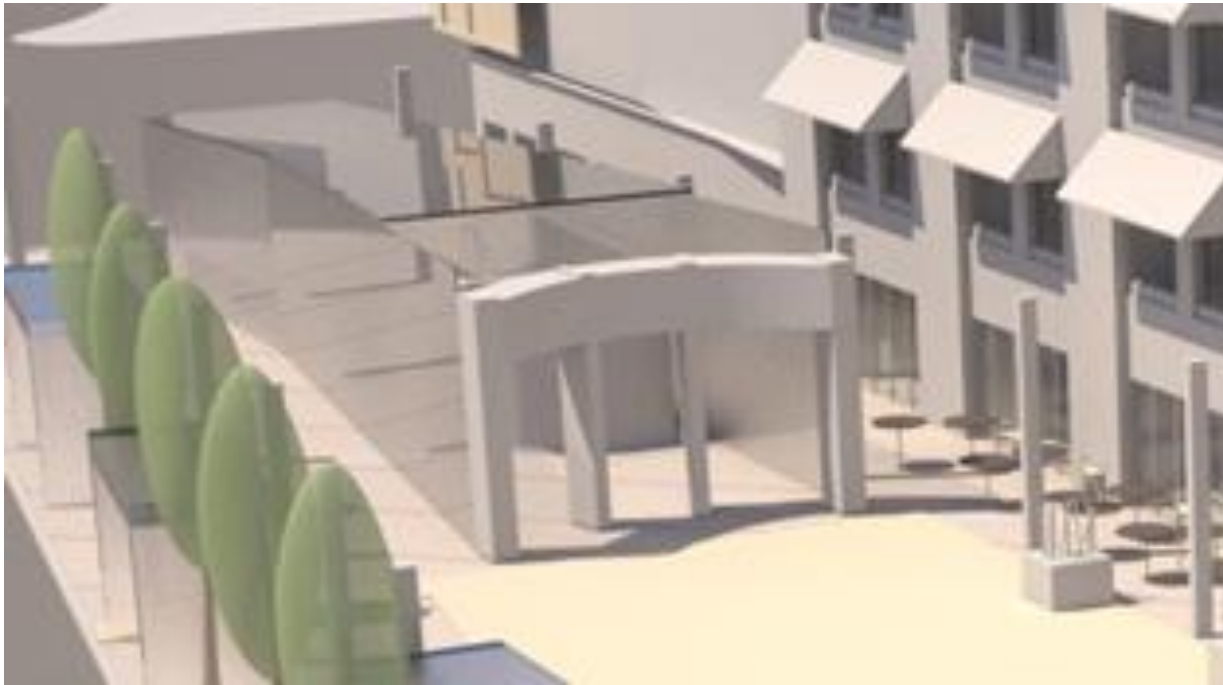
Conceptual Design



Project Area Diagram

STRUCTURE

Create a dynamic place that supports commerce and cultural activities

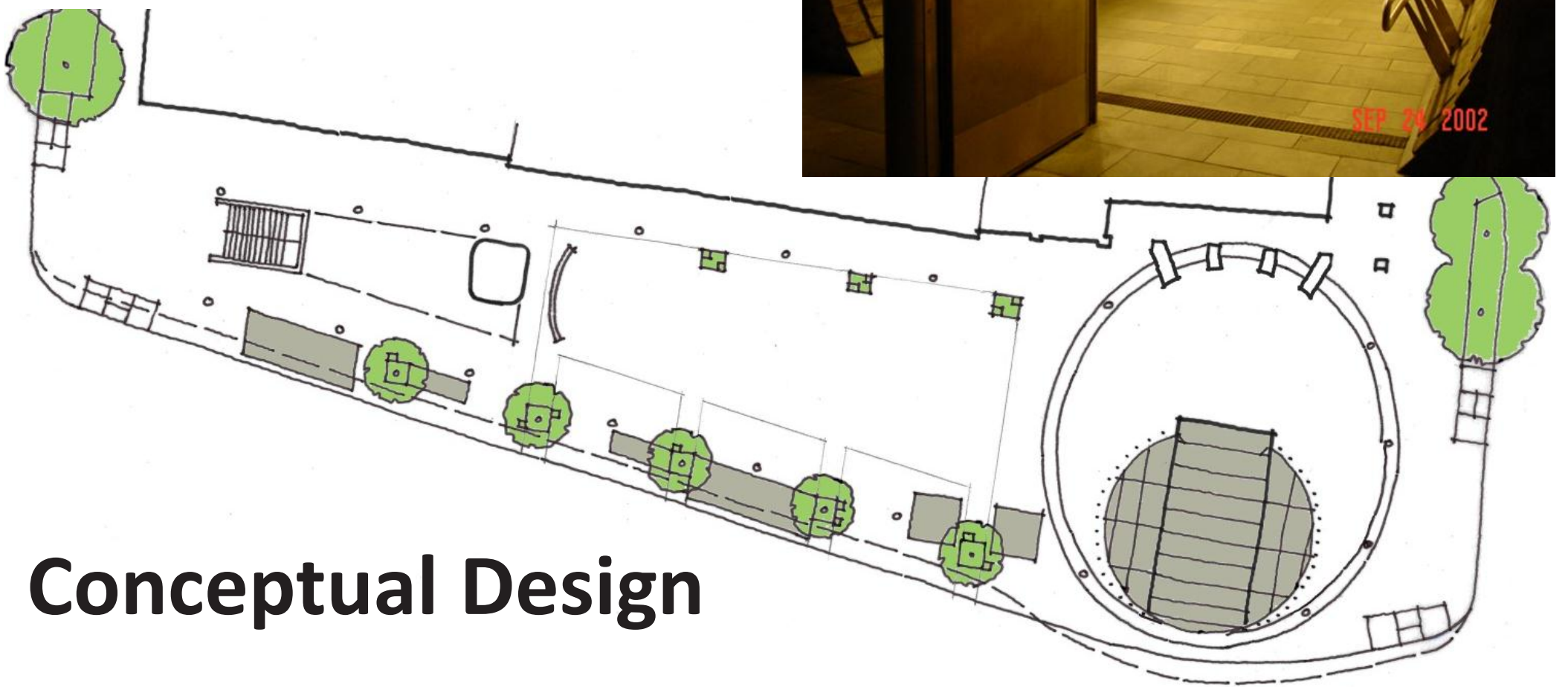


Conceptual Design



STRUCTURE

Integrate art with architecture and
landscaping for place-making



Conceptual Design

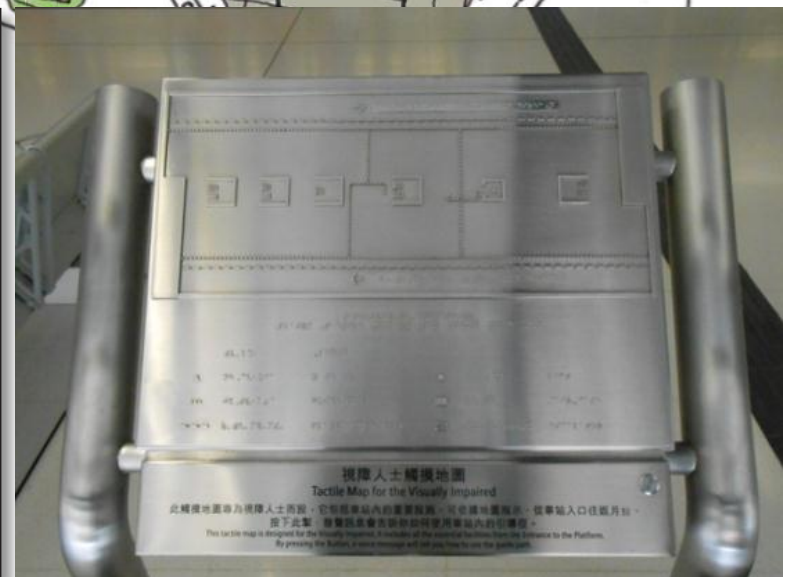
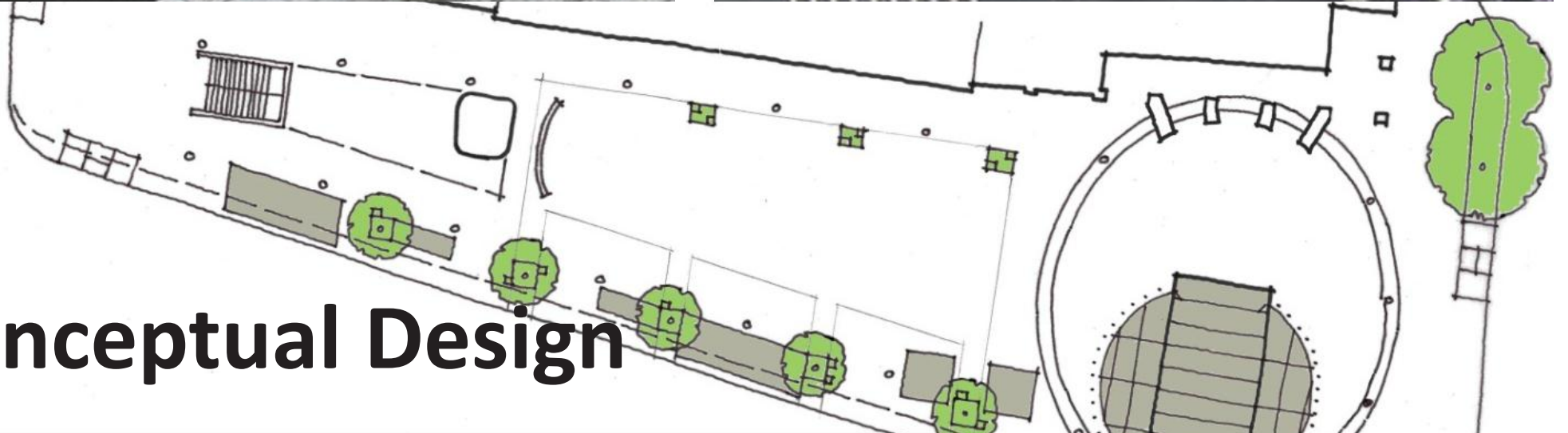


STRUCTURE

Adopt best practices for accessibility

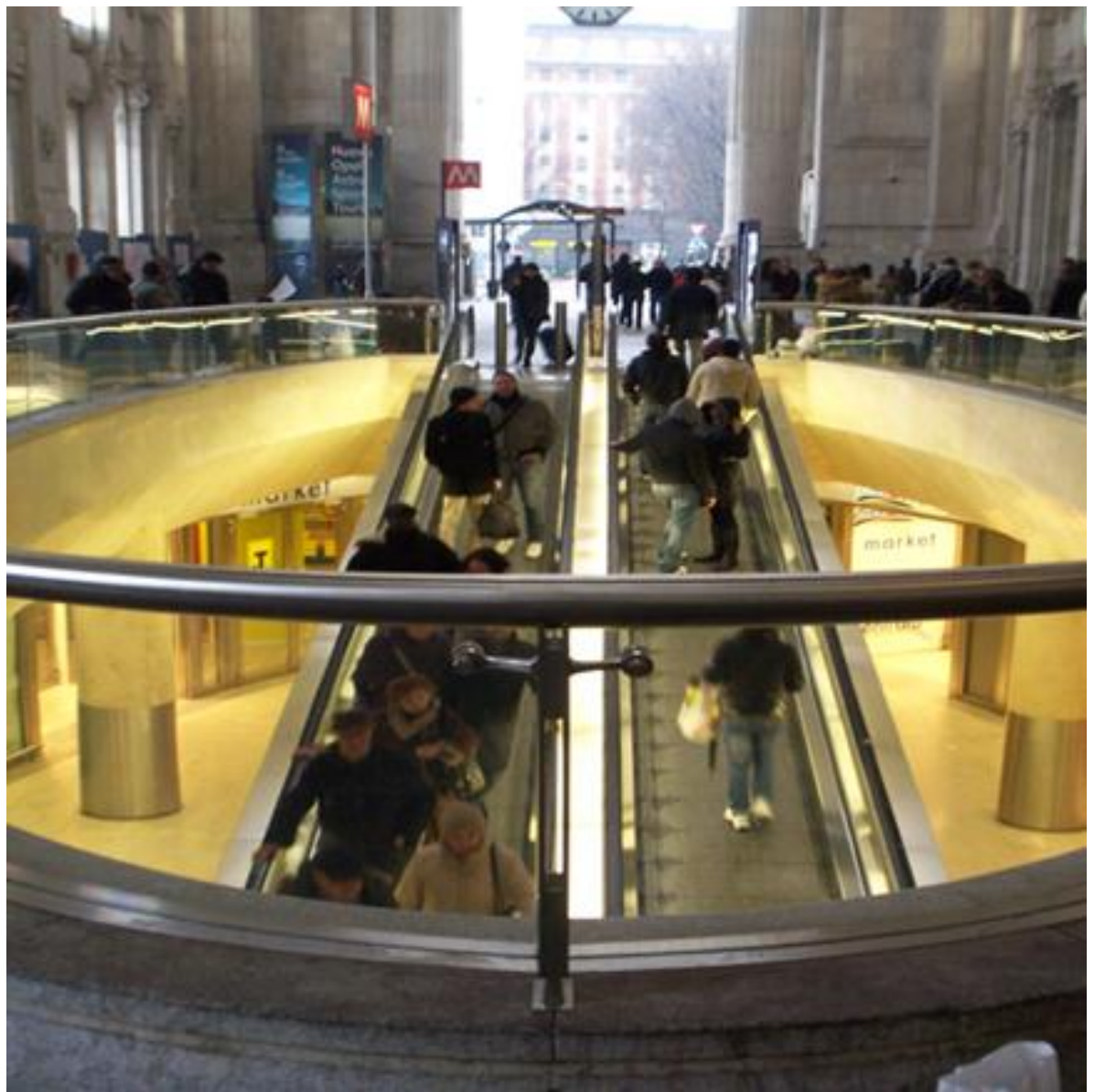


Conceptual Design



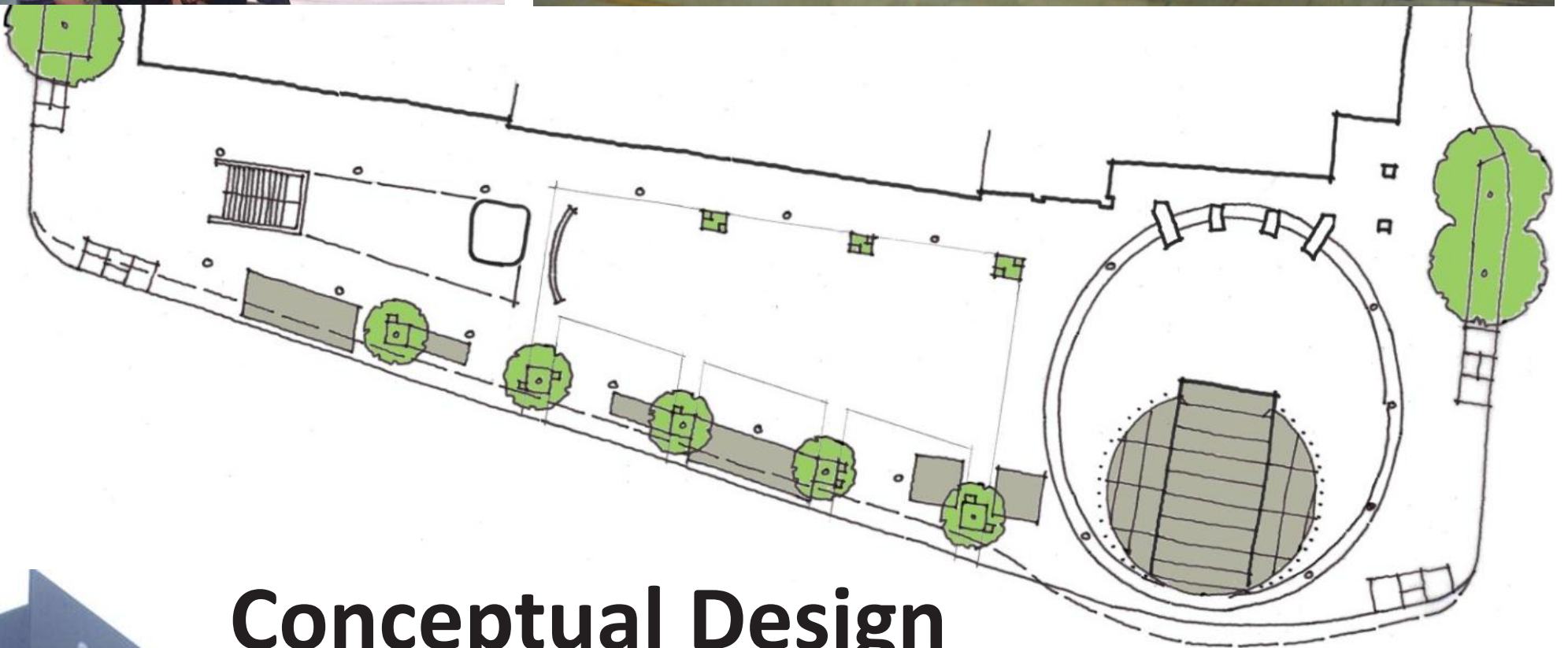
STRUCTURE

Legible and intuitive spatial design

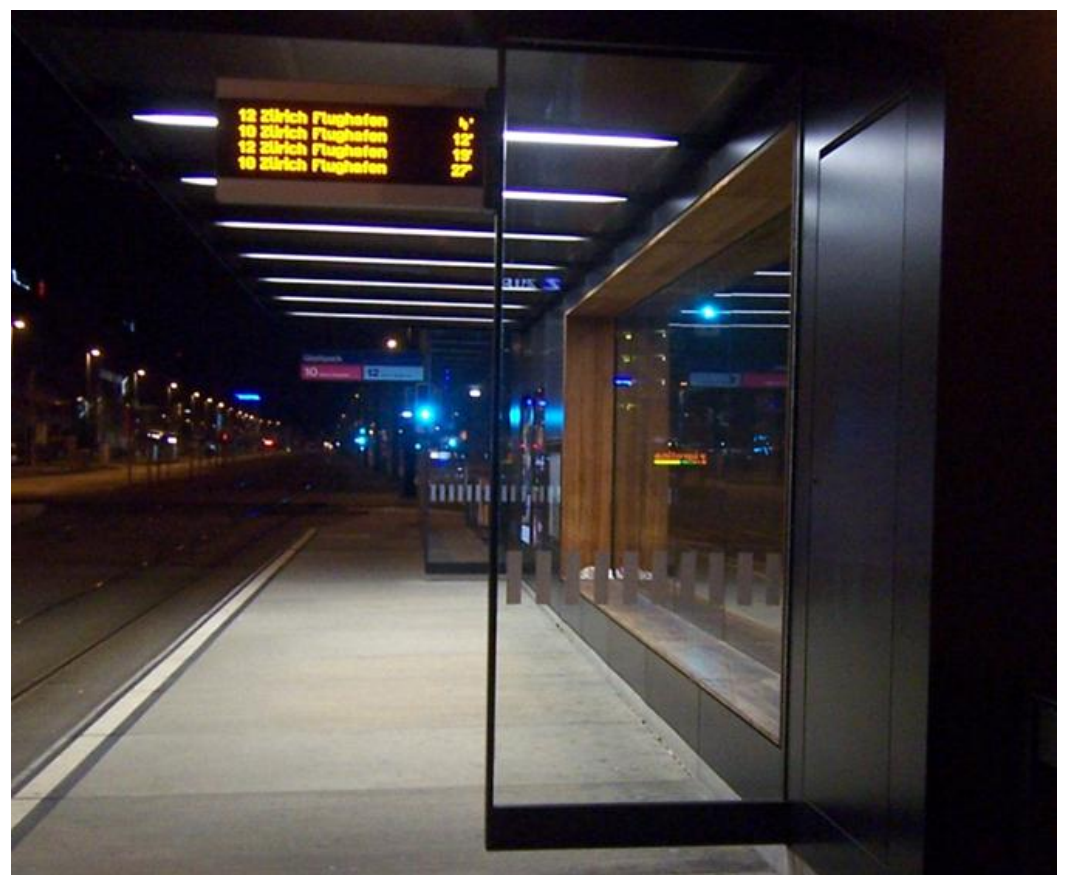


STRUCTURE

Materials for transparency and durability



Conceptual Design



INTERMODAL

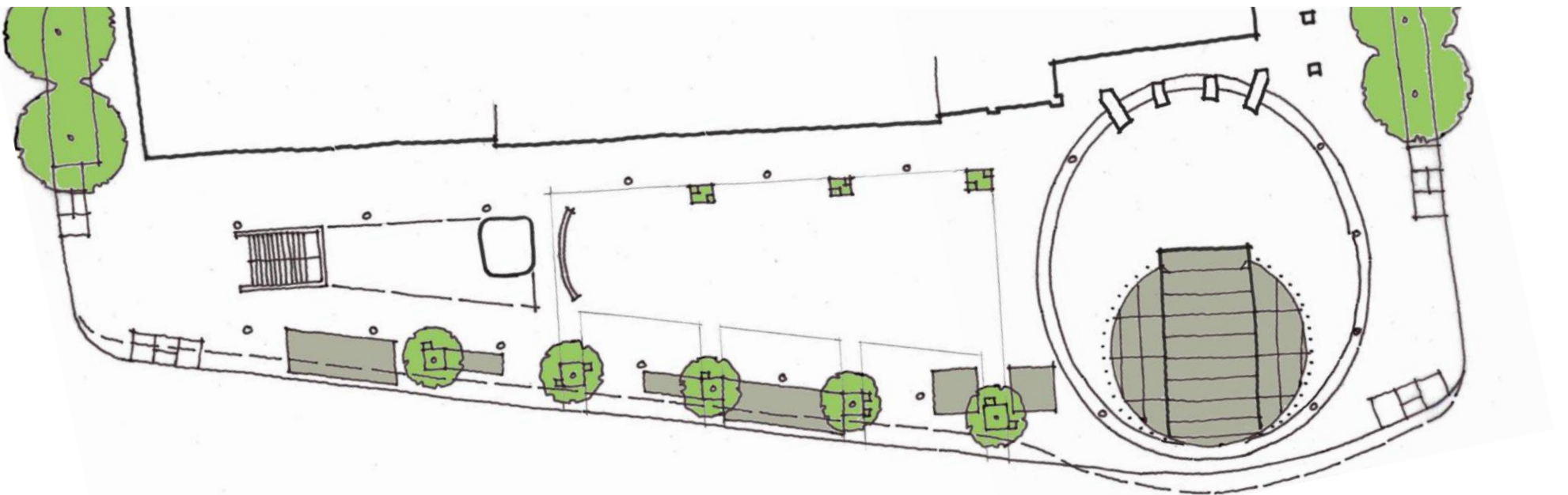
GOALS:

- To make the different modes of transit on and through the plaza safe, comfortable and efficient

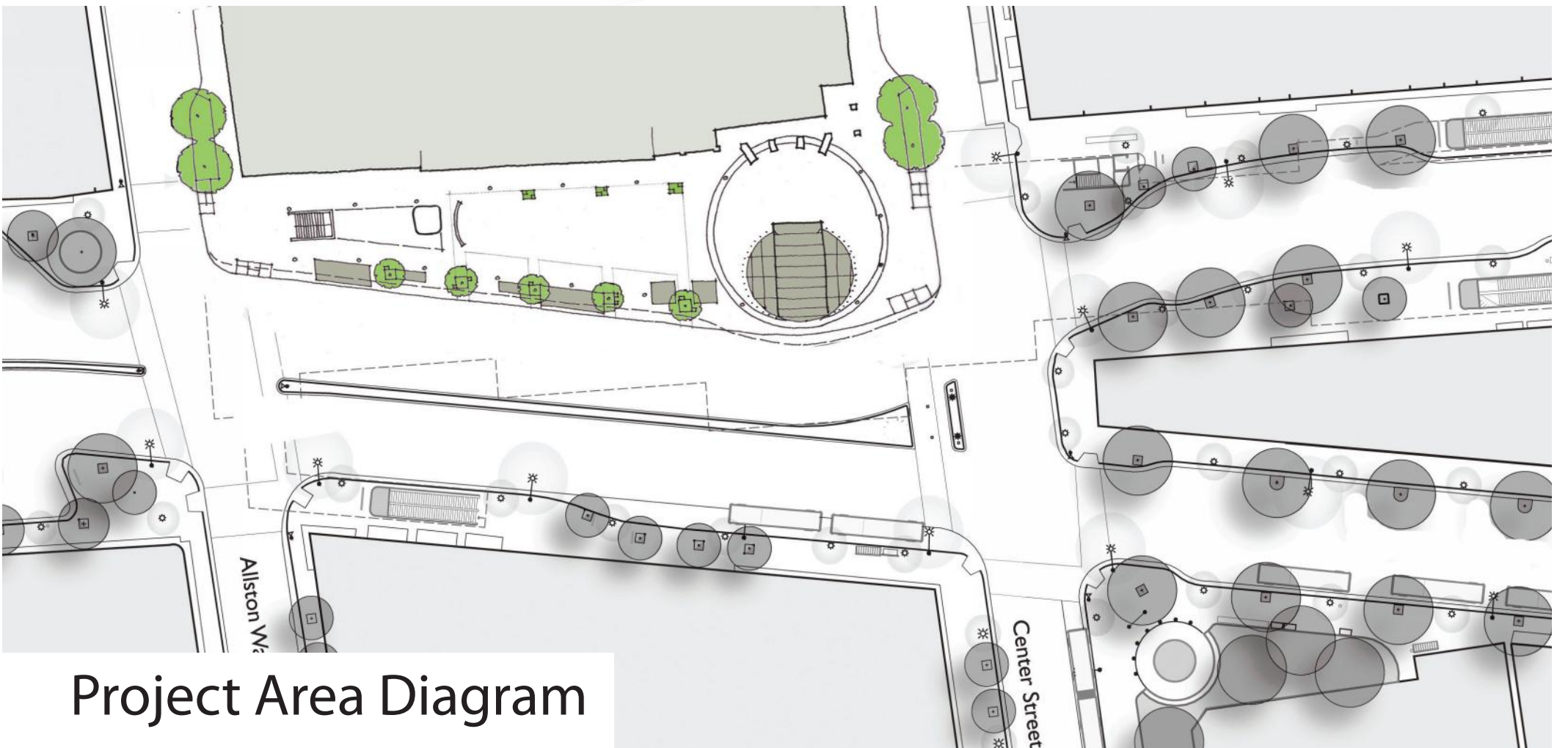
OBJECTIVE:

- Improve intermodal connections from bus to bus, BART to bus and pedestrian to bus & BART
- Improve bus patron experience by providing better weather protection, reducing crowding at stops and better identification of stops
- Provide more efficient and safer bus operations by extending the area for buses to load and unload
- Improve the kiss & ride experience by providing a safer and larger area separate from busses
- Provide better wayfinding at and through the plaza by improved transit center maps and displays
- Reduce pedestrian, vehicular and bicycle conflicts by better definition of paths of travel

INTERMODAL

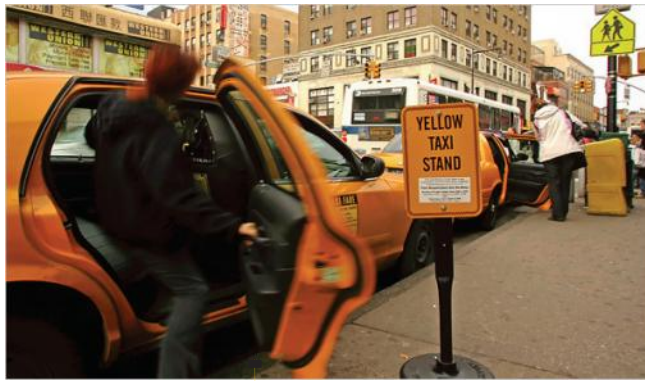


Conceptual Design



Project Area Diagram

INTERMODAL VEHICULAR INTERFACE



INTERMODAL

PEDESTRIAN & BIKE

